

WHAT IS CLAIMED IS:

1. A fiber distribution frame comprising:

(a) a rack extending vertically from a bottom to a top, the rack defining a left side, a right side, a front, and a rear;

(b) a left vertical cable guide with a side access, the left vertical cable guide positioned on the left side of the rack, and a right vertical cable guide with a side access, the right vertical cable guide positioned on the right side of the rack;

(c) a cable termination area positioned on the rack including:

(1) a first panel defining an array of termination locations on a front portion and on a rear portion of the first panel, the first panel positioned on the left side of the rack adjacent to the left vertical cable guide, each array including a plurality of rows and columns of the termination locations;

(2) a second panel defining an array of termination locations on a front portion and on a rear portion of the second panel, the second panel positioned on the right side of the rack adjacent to the right vertical cable guide, each array including a plurality of rows and columns of the termination locations;

(3) a central cable passageway between the first and second panels;

(4) side cable passageways from the central cable passageway to access an area between the rear of the rack and the rear portions of the first and second panels;

(d) a cable splice area positioned on the rack, the cable splice area defining a plurality of splice tray holders;

(e) a cable passageway from the splice tray holders to the central cable passageway of the first and second panels;

(f) a horizontal passageway positioned on the rack extending between the right vertical cable guide, and the left vertical cable guide.

2. The frame of claim 1, wherein the cable termination area is positioned on the front of the rack, and wherein the cable splice area is positioned on the rear of the rack.
3. The frame of claim 2, further comprising an enclosure at least partially surrounding the rack, the enclosure including first and second hingedly mounted access panels allowing selective access to an interior of the enclosure.
4. The frame of claim 2, wherein the first panel and the second panel are each positioned at a non-perpendicular angle relative to a vertical plane defined by the front of the rack, the first panel angled toward the left side of the rack, the second panel angled toward the right side of the rack.
5. The frame of claim 2, wherein the first panel includes a first vertical array of extensions positioned adjacent to the side access of the left vertical cable guide, and wherein the second panel includes a second vertical array of extensions positioned adjacent to the side access of the right vertical cable guide, an extension in each of the first and second vertical arrays of extensions being provided for each row of termination locations of the respective first and second panels.
6. The frame of claim 2, wherein the splice tray holder includes a plurality of spaced-apart angled divider walls each sized to receive a splice tray.
7. The frame of claim 2, further comprising a cable storage device extending vertically and mounted to the rack, the cable storage device including at least two cable storage spools extending in the direction faced by the front of the rack, wherein the cable storage device can communicate with the horizontal passageway for passage of a cable.

8. The frame of claim 2, wherein at least one of the first and second panels is defined by at least one termination module mounted to the rack, each termination module including:

a housing having first and second spaced-apart ends, and first and second spaced-apart sides extending between the ends, the housing including a rear extending between the first and second ends and the first and second sides to define an interior, the housing defining an open front, with the first and second ends extending horizontally, the first and second sides extending generally vertically;

a main panel mounted to the open front, the main panel including an array of openings arranged and sized for holding adapters to define the termination locations, the adapters being sized for mounting to cable connectors.

9. The frame of claim 8, wherein the main panel is mounted for rotational movement relative to the open front.

10. The frame of claim 8, wherein the main panel includes a plurality of sub-panels mounted so as to close the open front, each sub-panel including at least one opening arranged and sized for holding at least one adapter to define the termination locations.

11. The frame of claim 10, wherein the housing includes a plurality of sub-panel holders, and wherein each of the sub-panels further include a plurality of front adapters and a rear housing, each rear housing including a side panel including a plurality of adapters, a fiber optic coupler mounted within the rear housing, and cables connecting the front adapters to the side adapters.

12. The frame of claim 11, wherein the sub-panels each include a longitudinal guide, and wherein the sub-panel holders include a vertical array of longitudinal rails for receiving the longitudinal guides.

13. The frame of claim 11, wherein the sub-panel holders include a vertical array of planar shelves.
14. The frame of claim 11, further comprising an angled retainer mounting the adapters to the sub-panels.
15. The frame of claim 2, further comprising a plurality of adapters, each adapter mounted to one of the first and second panels.
16. The frame of claim 15, further comprising an angled retainer mounting the adapters to the respective first and second panels.
17. The frame of claim 2, further comprising a cable passageway surrounding a portion of the cable splice area.
18. The frame of claim 2, wherein the cable passageway from the splice tray holders to the central cable passageway of the first and second panels is positioned at the top of the rack.
19. A fiber distribution frame comprising:
- (a) a rack extending vertically from a bottom to a top, the rack defining a left side, a right side, a front, and a rear;
 - (b) a left vertical cable guide with a side access, located on the left side of the rack, and a right vertical cable guide with a side access, located on the right side of the rack;
 - (c) a cable termination area positioned on the rack
- including:
- (1) a first housing defining an array of termination locations on a front portion and on a rear portion of the first housing, the first housing positioned on the left side of the rack adjacent to the left vertical cable

guide, each array of the front portion including a plurality of rows and columns of the termination locations;

(2) a second housing defining an array of termination locations on a front portion and on a rear portion of the second housing, the second housing positioned on the right side of the rack adjacent to the right vertical cable guide, each array of the front portion including a plurality of rows and columns of the termination locations;

(3) a central cable passageway between the first and second housings;

(4) wherein the front portions of first housing and the second housing are each positioned at a non-perpendicular angle relative to a vertical plane defined by the front of the rack, the front portion of the first housing angled toward the left side of the rack, the front portion of the second housing angled toward the right side of the rack.

20. The frame of claim 19, further comprising:

(a) a cable storage device positioned on the rack, the cable storage device including at least two cable storage spools extending in the direction faced by the front of the rack;

(b) a horizontal passageway positioned on the rack extending between the right vertical cable guide, and the left vertical cable guide, the cable storage device in communication with at least one of the left and right vertical cable guides;

(c) a cable splice area positioned on the rack, the cable splice area defining a plurality of splice tray holders;

(d) a cable passageway from the splice tray holders to the rear portions of the first and second housings.

21. The frame of claim 20, wherein the cable termination area is positioned on the front of the rack, and wherein the cable splice area is positioned on the rear of the rack, and further comprising an enclosure around the rack, the enclosure including first and

second hingedly mounted panels, the first panel allowing access to the cable termination area, the second panel allowing access to the cable splice area.

22. The frame of claim 21, wherein each of the front portions of first and second housings are mounted for rotational movement relative to the rack.

23. The frame of claim 19, wherein the cable termination area is positioned on the front of the rack, and wherein the cable splice area is positioned on the rear of the rack, and further comprising an enclosure around the rack, the enclosure including first and second hingedly mounted panels, the first panel allowing access to the cable termination area, the second panel allowing access to the cable splice area.

24. The frame of claim 23, wherein each of the front portions of first and second housings are mounted for rotational movement relative to the rack.